

ABSTRACT OF THE DISCLOSURE

A functioning substrate with a group of columnar micro pillars characterized in that a first matrix of organic polymer and a group of columnar micro pillars of organic polymer extending from this matrix are provided. This group of columnar micro pillars has an equivalent diameter of 10 nm through 500 μm and a height of 50 nm through 5000 μm ; and the ratio (H/D) of the equivalent diameter (D) to the height (H) of the group of columnar micro pillars is 4 or more.